

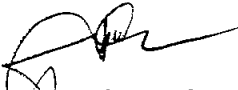
REGISTRAR
 Dy. No: 1631
 Dated: 16.2.2022

CERTIFICATE
FOR FUEL ADJUSTMENT IN THE CONSUMER-END TARIFF
REGARDING 1994 POWER POLICY (HUBCO & KAPCO INCLUSIVE)
FOR THE MONTH OF JANUARY 2022

This is to certify that: -

- i) All purchases have been made from IPPs under 1994 Policy, including HUBCO, KAPCO & Chasnupp and excluding Tavanir, having valid generation license issued by NEPRA.
- ii) Invoices of all Electricity Purchases have been made strictly in accordance with the rates, terms & conditions as stipulated in the respective Power Purchase Agreements.
- iii) All payments to IPPs are being made after observing all formalities provided in the respective Power Purchase Agreements.
- iv) All purchases have been made in accordance with the Power Purchase Agreement.

The above statement is true, based on facts and from verifiable documentary evidences. In case of any deviation / variation observed if not rectified at later stage, CPPA-G will be responsible for the consequences arising out of any misstatement under NEPRA Act and its Rules & Regulations.


DGM Technical
(Conventional)


DGMF-II (CPPA-G)

CERTIFICATE

FOR FUEL ADJUSTMENT IN THE CONSUMER-END TARIFF

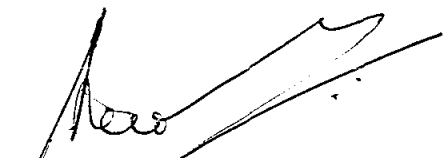
REGARDING 2002 POWER POLICY

FOR THE MONTH OF JANUARY 2022

This is to certify that:-

- 1) All purchases have been made from Generation Companies having valid generation License issued by NEPRA.
- 2) Invoices of all Electricity Purchases have been processed in accordance with the rates, terms & conditions as determined by NEPRA. Payments related to periodical adjustments are also made as per decision of NEPRA.
- 3) The above statement is true, based on facts and from verifiable documentary evidence. In case of any deviation / variation observed if not rectified at later stage, CPPA-G will be responsible for the consequences arising out of any misstatement under NEPRA Act and its Rules & Regulations.

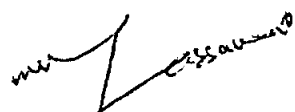

**DGM Technical
(Renewable)**

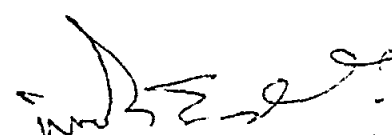

DGMF-I (CPPA-G)

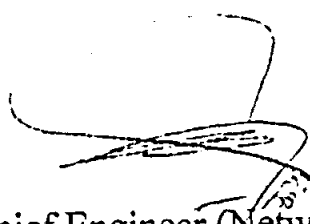
CERTIFICATE

Subject: MONTHLY FUEL CHARGES ADJUSTMENT OF DISCOS
FOR THE MONTH OF JANUARY-2022.

- I. It is certified that Merit order was followed as defined under section 2 (I) (x) of the NEPRA Licensing (Generation) Rules 2000, while operating power plants in its fleet during month of January-2022.
- II. Claimed Partial Loading Adjustment charges (PLAC) was not due to fuel constraint but was strictly in accordance with the provision of their respective Power Purchase Agreement and the plants were operated on partial load due to less demand in the system and transmission/distribution network constraints.


Deputy Manager (PC-I)
NPCC, NTDC, Islamabad


Manager Power Control
NPCC, NTDC, Islamabad


Chief Engineer (Network Operation)
NPCC, NTDC, Islamabad.

CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
For the Month of January 2022

S.No.	Power Producers	Fuel	Dep. Capacity (MW)	Energy KWh	Fuel Charges Rs.	VO&M Charges Rs.	EPP Billing month (Rs.)	Prev. Adjustment in Fuel Cost (Rs.)	Prev. Adjustment in VO&M (Rs.)	Prev. Adjustment in EPP Total Rs.	Supp. Charges	Total Fuel Cost Rs.	Total VO&M Rs.	Total Energy Cost (Rs.)
				A	B	C	D=B+C	E	F	G=E+F	H	I=B+E+H	J=C+F	K=I+J
1	Hydel													
	WAPDA	Hydel	6,902	418,172,910		40,852,408	40,852,408						40,852,408	40,852,408
	Jagran	Hydel	30	1,743,576		305,770	305,770						305,770	305,770
	Petuh	Hydel	18											
	Malakand III SHYDO	Hydel	81	14,964,470		4,739,248	4,739,248						4,739,248	4,739,248
	Larali	Hydel	84											
	Star Hydro	Hydel	147	15,947,900		2,940,793	2,940,793						2,940,793	2,940,793
	Head Maralla	Hydel	8											
	Neelum Jhelum	Hydel	969	38,493,400										
	Tatbela Ext. 4	Hydel	1,478											
	Mira Power Limited	Hydel	101	21,640,540		4,200,429	4,200,429						4,200,429	4,200,429
	Daral Kihwar	Hydel	37	1,974,790										
	Ranolia	Hydel	17											
	Hydel Total:		9,872	512,937,586		53,038,648	53,038,648						53,038,648	53,038,648
2	Ex-WAPDA GENCOs													
	GENCO-I ***													
	Jamshoro Block 1 Unit 1	RFO Gas	182											
	Jamshoro Block 2 Unit-2	RFO Gas	464											
	Unit-3	RLNG RFO Gas												
	Unit-4	RLNG Gas												
	Unit-4	RLNG Gas												
	Unit-4	RFO Gas												
	Kotri 3-7	RFO Gas	0											
	Jamshoro Block 4	Gas												
	Jamshoro Total		646											
	GENCO-II ***													
	Guddu CC Block 1 (CC)	Gas	390	83,910,300	681,771,188	5,781,420	687,552,608					681,771,188	5,781,420	687,552,608
	Central Block 2 (CC)	Gas		83,910,300	681,771,188	5,781,420	687,552,608					681,771,188	5,781,420	687,552,608
	Guddu (CC) Block-2	Gas	530											
	Block 3 (unit 3&4)	Gas												
	Guddu 147 (CC)	Gas	721	276,427,000	1,643,386,158	174,038,439	1,817,424,597					1,643,386,158	174,038,439	1,817,424,597
	Central Total		1,641	360,337,300	2,325,157,346	179,819,859	2,504,977,205					2,325,157,346	179,819,859	2,504,977,205
	GENCO-III ***													
	Northern Block 1 Unit 1	RFO	556											
	Unit 2	RFO												
	Unit 3	RFO												
	Unit 1	Gas												
	Unit 2	Gas												
	Unit 3	Gas												
	Unit 1	RLNG												
	Unit 2	RLNG												
	Unit 3	RLNG												
	Unit 3	RLNG												
	Northern Block 2 Block-2 Unit 4	RFO	272											
	Block-2 Unit 4	GAS												
	Block-2 Unit 4	RLNG												
	Northern Block 3 Block-3 Unit 5	RFO	355											
	Block-3 Unit 5	Gas												
	Block-3 Unit 5	RLNG												
	Block-3 Unit 6	RFO												
	Block-3 Unit 6	Gas												
	Block-3 Unit 6	RLNG												
	Northern Block 4	RLNG	117											
	Northern Block 5	RFO	97											
	Northern Block 5	Gas												
	Northern Block 6	Gas	75											
	Nandipur	RLNG	411											
	Northern Total:		1,884											
	GENCO-IV													
	LAKHRA	Coal	31											
	Sub-Total:		31											
	GENCOs Total:		4,202	360,337,300	2,325,157,346	179,819,859	2,504,977,205					2,325,157,346	179,819,859	2,504,977,205
3	IPPs													
	Kot Addu Block 1	RFO	325	173,060,161	3,812,951,777	132,514,124	3,945,465,901					3,812,951,777	132,514,124	3,945,465,901
	HSB			544,361	10,956,708	242,090	11,198,798					10,956,708	242,090	11,198,798
	Kot Addu Block 2	RFO	262	249,394,406	6,005,223,375	267,905,086	6,273,128,461					6,005,223,375	267,905,086	6,273,128,461
	HSB													
	Kot Addu Block 3	RLNG	249											
	HSB			11,038,572	252,000,640	16,667,253	268,667,893					252,000,640	16,667,253	268,667,893
	KAPCO Total		1,336	433,037,500	10,081,132,500	417,328,553	10,498,461,053					10,081,132,500	417,328,553	10,498,461,053
	HUB Power	RFO	1,208	58,557,400	1,507,406,920	16,857,156	1,524,264,076					1,507,406,920	16,857,156	1,524,264,076
	Kohinoor Energy	RFO	124	54,578,000	1,232,195,563	54,428,512	1,286,624,075					1,232,195,563	54,428,512	1,286,624,075
	AES Lalpui	RFO	350	48,051,600	1,258,154,600	13,727,093	1,271,881,693					1,258,154,600	13,727,093	1,271,881,693

CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
For the Month of January 2022

For the Month of January 2022														
S.No.	Power Producers	Fuel	Dep. Capacity (MW)	Energy KWh	Fuel Charges Rs.	VO&M Charges Rs.	EPP Billing month (Rs.)	Prev. Adjustment in Fuel Cost (Rs.)	Prev. Adjustment in VO&M (Rs.)	Prev. Adjustment in EPP Total Rs.	Supp. Charges	Total Fuel Cost Rs.	Total VO&M Rs.	Total Energy Cost (Rs.)
5	Pak Gen Power Limited	RFO	350	140,687,800	3,392,969,642	40,190,847	3,433,160,489	-	-	-	-	3,392,969,642	40,190,847	3,433,160,489
7	Habibullah	Gas	129	-	-	-	-	-	-	-	-	-	-	-
8	Fauji Kahrwala	Gas	151	-	-	-	-	-	-	-	-	-	-	-
9	Roush	RLNG	395	-	-	-	-	-	-	-	-	-	-	-
10	Saba Power	RFO	126	29,629,380	774,844,008	8,437,846	783,281,054	-	-	-	-	774,844,008	8,437,846	783,281,054
12	Uch	Gas	549	410,842,000	3,674,545,531	182,865,774	3,857,411,305	-	-	-	-	3,674,545,531	182,865,774	3,857,411,305
13	Alben	Gas	27	-	-	-	-	-	-	-	-	-	-	-
14	Liberty	Gas	212	-	-	-	-	-	-	-	-	-	-	-
16	Chashma Nuclear	Nucl.	300	185,293,000	225,816,579	-	225,816,579	-	-	-	-	225,816,579	-	225,816,579
17	Chashma Nuclear-II	Nucl.	315	882,000	995,778	-	995,778	-	-	-	-	995,778	-	995,778
18	Chashma Nuclear-III	Nucl.	340	234,900,000	289,208,880	-	289,208,880	-	-	-	-	289,208,880	-	289,208,880
19	Chashma Nuclear-IV	Nucl.	340	235,808,000	281,201,040	-	281,201,040	-	-	-	-	281,201,040	-	281,201,040
20	Kanupp - PAEC (K-2/K-3 Project)	Nucl.	1,140	607,688,000	562,962,163	-	562,962,163	-	-	-	-	562,962,163	-	562,962,163
21	Tavanir Iran	Improm	96	31,649,000	474,966,006	-	474,966,006	-	-	-	-	474,966,006	-	474,966,006
Sub-Total:			7,488	2,471,603,680	23,756,399,210	733,835,781	24,490,234,991	-	-	-	-	23,756,399,210	733,835,781	24,490,234,991
1	Attock Gen	RFO	156	78,594,316	1,607,304,299	132,148,483	1,739,452,782	-	-	-	-	1,607,304,299	132,148,483	1,739,452,782
2	Atlas Power	RFO	214	100,754,920	2,172,658,944	167,253,167	2,339,912,111	-	-	-	-	2,172,658,944	167,253,167	2,339,912,111
3	Nishat Power	RFO	195	44,489,592	1,014,193,637	73,852,723	1,088,046,360	-	-	-	-	1,014,193,637	73,852,723	1,088,046,360
4	Foundation Power	Gas	171	130,256,542	903,260,867	89,311,250	992,572,117	-	-	-	-	903,260,867	89,311,250	992,572,117
5	Orlent	RLNG	213	-	-	-	-	-	-	-	-	-	-	-
6	Nishat Chunlan	RFO	196	82,116,274	1,803,733,228	135,992,761	1,939,725,990	-	-	-	-	1,803,733,228	135,992,761	1,939,725,990
7	Sail Power	HSD	204	-	-	-	-	-	-	-	-	-	-	-
8	Engro Energy	Gas	213	85,602,313	729,864,630	54,286,878	784,151,508	-	-	-	-	729,864,630	54,286,878	784,151,508
9	Sapphire Power	RLNG	203	-	-	-	-	-	-	-	-	-	-	-
10	Huhoi Narowal	RFO	214	92,016,385	1,850,339,083	134,242,704	1,984,581,787	-	-	-	-	1,850,339,083	134,242,704	1,984,581,787

CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
For the Month of January 2022

S.No.	Power Producers	Fuel	Dep. Capacity (MW)	Energy KWh	Fuel Charges Rs.	VO&M Charges Rs.	EPP Billing month (Rs.)	Prev. Adjustment in Fuel Cost (Rs.)	Prev. Adjustment in VO&M (Rs.)	Prev. Adjustment in EPP Total Rs.	Supp. Charges	Total Fuel Cost Rs.	Total VO&M Rs.	Total Energy Cost (Rs.)
31	Foundation Wind Energy-II (Pvt.) Limited	Wind	50	8,150,140										
32	Master Green	Wind	50	8,442,760										
33	Tricom Wind Power (Private) Limited	Wind	50	8,635,470										
34	ACT 2	Wind	50	625,240										
35	Artistic [2] Wind Power	Wind	50	424,960										
36	SPPs	Mixed	257	2,295,120	14,436,305		14,436,305					14,436,305		14,436,305
	Sub-Total		2,143	243,759,304	14,436,305		14,436,305					14,436,305		14,436,305
	G-Total:		35,742	8,797,370,710	107,503,376,823	3,629,237,957	111,132,614,780					107,503,376,823	3,629,237,957	111,132,614,780
Summary														
1	Hydel			512,937,586		53,038,648	53,038,648						53,038,648	53,038,648
2	Coal			2,916,697,400	41,139,868,941	1,175,269,993	42,315,138,934					41,139,868,941	1,175,269,993	42,315,138,934
3	HSD			592,077,650	15,382,248,339	235,789,854	15,618,038,193					15,382,248,339	235,789,854	15,618,038,193
4	F.O.			1,238,106,249	28,237,956,991	1,335,609,335	29,573,566,326					28,237,956,991	1,335,609,335	29,573,566,326
5	Gas			1,264,361,023	9,795,164,970	616,654,997	10,411,819,967					9,795,164,970	616,654,997	10,411,819,967
6	RLNG			626,077,556	10,457,654,165	153,226,984	10,610,881,149					10,457,654,165	153,226,984	10,610,881,149
7	Nuclear			1,264,571,000	1,360,184,440		1,360,184,440					1,360,184,440		1,360,184,440
8	Import from Iran			31,649,000	474,966,006		474,966,006					474,966,006		474,966,006
9	Wind Power			194,884,154										
10	Solar			46,580,030										
11	Bagasse			107,133,942	640,896,667	59,648,145	700,544,812					640,896,667	59,648,145	700,544,812
	Mixed			2,295,120	14,436,305		14,436,305					14,436,305		14,436,305
	Totals For the month:			8,797,370,710	107,503,376,823	3,629,237,957	111,132,614,780					107,503,376,823	3,629,237,957	111,132,614,780
	Prev. Adjustments:													
	GRAND TOTALS:			8,797,370,710	107,503,376,823	3,629,237,957	111,132,614,780							

Energy Cost (Rs.)	107,503,376,823	3,629,237,957	111,132,614,780
Cost not chargeable to DISCOs (Rs.)	1,247,039,302	-	1,247,039,302
EPP (Chargeable) (Rs.)	106,256,337,521	3,629,237,957	109,885,575,478
Energy Sold (KWh)	8,420,733,886	8,420,733,886	8,420,733,886
Avg. Rate (Rs./KWh)	12.6184	0.4310	13.0494

Reference Rate (Rs./KWh)	6.5124
FCA Rate (Rs./KWh)	6.1060

CENTRAL POWER PURCHASING AGENCY (CPPA)
Detail Breakup of FCC Claimed
For the Month of JAN 2022

S.No.	Power Producer	Fuel	Dep. Capacity (MW)	Energy KWh	Fuel Cost component as determined by Authority (Rs./kWh)	Fuel Cost as per NEPRA Approved Rate (Rs.)	Heat Degradation Factor (Dh) Rs.	Load Correction Factor (kL) Rs.	Any other Cost as per PPA (Rs.)	Fuel Charges Rs.
				A			B			
1	Attock Gen Limited	RFO	156	78,594,316	18.8586	1,482,178,768	-	125,125,531	-	1,607,304,299
2	Foundation Power Company Daharki Ltd.	Gas	171	130,256,542	6.6206	862,375,169	36,219,757	4,665,941	-	903,260,867
3	Engro Powergen Qadirpur Limited	Gas	213	89,481,486	7.4359	665,378,806	22,622,879	41,862,945	-	729,864,630
4	Uch-II Power (Pvt.) Limited	Gas	381	277,322,868	7.5344	2,089,457,485	66,642,772	6,236,339	-	2,162,336,596
5	Quaid-e-Azam Thermal Power (Pvt) Limited	RLNG/HSD	1,180	302,461,300	22.4182	6,780,644,169	124,085,787	1,209,977,523	-	8,114,707,479
6	National Power Parks Management Company Private	RLNG/HSD	2,550	700,550,474	21.9102	15,349,223,696	280,890,794	1,832,123,187	-	17,462,237,677
IPPs Total:-			4,651	1,578,666,986	-	27,229,258,093	530,461,989	3,219,991,466	-	30,979,711,548

Detail Of Energy Imported From Small Power Producers					
DISCO	Captive	Contract Capacity (MW)	Description	Jan, 2022	Rate (Rs./KWh)
SEPCO	AL Noor Sugar Mills	Energy	Energy	2,295,120	6.29
			Cost (Rs.)	14,436,305	
	DISCO's Total:-	16.00	Energy	2,295,120	6.29
			Cost (Rs.)	14,436,305	
G-Total		61.80	Energy	2,295,120	6.29
			Cost (Rs.)	14,436,305	